

Title (en)

Low energy short range communication function operation method and apparatus of mobile terminal

Title (de)

Betriebsverfahren für energiearme Kurzstreckenkommunikationsfunktion und Vorrichtung eines mobilen Endgeräts

Title (fr)

Procédé de fonctionnement de communication à courte portée à faible énergie et appareil de terminal mobile

Publication

**EP 2713662 A3 20160817 (EN)**

Application

**EP 13186735 A 20130930**

Priority

KR 20120109406 A 20120928

Abstract (en)

[origin: EP2713662A2] The mobile terminal supporting low energy short range communication function includes a low energy short range communication unit; a switching unit configured to receive low energy communication data from the low energy short range communication unit and outputs the low energy communication data; a first processor configured to receive the low energy communication data received from the low energy short range communication unit via the switching unit; and a second processor configured to receive the low energy communication data received from the low energy short range communication unit via the switching unit, wherein the second processor is configured to receive operation state information from the first processor; and control, when the operation state information is received, the switching unit to relay the low energy communication data to one of the first and second processors based on the operation state information.

IPC 8 full level

**H04W 52/02** (2009.01)

CPC (source: CN EP KR US)

**H04B 1/40** (2013.01 - KR); **H04W 52/0274** (2013.01 - EP US); **H04W 52/028** (2013.01 - CN EP US); **Y02D 30/70** (2020.08 - CN EP US)

Citation (search report)

- [XYI] WO 2012067774 A1 20120524 - THOMSON LICENSING [FR], et al
- [Y] US 2008016374 A1 20080117 - GEE TIMOTHY W [US], et al
- [Y] US 5956344 A 19990921 - COLE STEVEN R [US]
- [XYI] US 2012100895 A1 20120426 - PRIYANTHA NISSANKA ARACHCHIGE BODHI [US], et al
- [YA] WO 2012045347 A1 20120412 - SONY ERICSSON MOBILE COMM AB [SE], et al
- [A] US 2011071759 A1 20110324 - PANDE TARKESH [US], et al

Cited by

CN113573291A; CN106900040A; CN109041216A; CN108112059A; EP3087498A4; CN110018508A; US10721684B2; EP3836642A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2713662 A2 20140402**; **EP 2713662 A3 20160817**; **EP 2713662 B1 20180523**; AU 2013324507 A1 20150226; AU 2013324507 B2 20170330; CN 104685937 A 20150603; CN 104685937 B 20190806; JP 2015536088 A 20151217; JP 6506165 B2 20190424; KR 101947652 B1 20190425; KR 20140042534 A 20140407; US 2014094198 A1 20140403; US 9351257 B2 20160524; WO 2014051411 A1 20140403

DOCDB simple family (application)

**EP 13186735 A 20130930**; AU 2013324507 A 20130930; CN 201380050275 A 20130930; JP 2015534397 A 20130930; KR 20120109406 A 20120928; KR 2013008769 W 20130930; US 201314042329 A 20130930